

Special Issue

Biotechnology for Cotton Improvement

Message from the Guest Editors

Cotton is one of the world's important crops; it sustainably provides fiber, oil and edible protein. With the development of biotechnology and its application to cotton genome assembly, gene cloning, functional genomics, etc., the basic research and breeding process of cotton have been accelerated. New sequencing technologies have accelerated the revelation of the tetraploid cotton genome. New molecular markers and gene mapping methods accelerate the cloning of key genes associated with cotton yield and quality. The combination of innovations in cotton transformation and genome editing has facilitated the creation of new cotton germplasm. The emerging biotechnological tools play an important role in cotton improvement and the development of high-yielding and high-quality cotton varieties. This Special Issue of *Plants* will broadly collect original manuscripts regarding the application of modern breeding biotechnologies in cotton, including cotton biotechnology, genome editing, bioinformatics research, molecular breeding, etc. We also welcome reviews on topics relevant to the contents above.

Guest Editors

Prof. Dr. Shuangxia Jin
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Deadline for manuscript submissions

closed (20 December 2022)



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About the Journal

Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, and conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

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